

1	ACA	GTC	AGC	CGC	ATG	GCT	CCC	CTG	TGC	CCC	AGC	CCC	TGG	CTC	CCT	CTG	12
1																	48
13	L	I	P	A	P	A	P	G	L	T	V	Q	L	L	L	S	28
49	TTG	ATC	CCG	GCC	CCT	GCT	CCA	GGC	CTC	ACT	GTG	CAA	CTG	CTG	CTG	TCA	96
29	L	L	L	L	M	P	V	H	P	Q	R	L	P	R	M	Q	44
97	CTG	CTG	CTT	CTG	ATG	CCT	GTC	CAT	CCC	CAG	AGG	TTG	CCC	CGG	ATG	CAG	144
45	E	D	S	P	L	G	G	G	S	S	G	E	D	D	P	L	60
145	GAG	GAT	TCC	CCC	TTG	GGA	GGA	GGC	TCT	TCT	GGG	GAA	GAT	GAC	CCA	CTG	192
61	G	E	E	D	L	P	S	E	E	D	S	P	R	E	E	D	76
193	GGC	GAG	GAG	GAT	CTG	CCC	AGT	GAA	GAG	GAT	TCA	CCC	AGA	GAG	GAG	GAT	240
77	P	P	G	E	E	D	L	P	G	E	E	D	L	P	G	E	92
241	CCA	CCC	GGA	GAG	GAG	GAT	CTA	CCT	GGA	GAG	GAG	GAT	CTA	CCT	GGA	GAG	288
93	E	D	L	P	E	V	K	P	K	S	E	E	E	G	S	L	108
289	GAG	GAT	CTA	CCT	GAA	GTT	AAG	CCT	AAA	TCA	GAA	GAA	GAG	GGC	TCC	CTG	336
109	K	L	E	D	L	P	T	V	E	A	P	G	D	P	Q	E	124
337	AAG	TTA	GAG	GAT	CTA	CCT	ACT	GTT	GAG	GCT	CCT	GGA	GAT	CCT	CAA	GAA	384
125	P	Q	N	N	A	H	R	D	K	E	G	D	D	Q	S	H	140
385	CCC	CAG	AAT	AAT	GCC	CAC	AGG	GAC	AAA	GAA	GGG	GAT	GAC	CAG	AGT	CAT	432
141	W	R	Y	G	G	D	P	P	W	P	R	V	S	P	A	C	156
433	TGG	CGC	TAT	GGA	GGC	GAC	CCG	CCC	TGG	CCC	CGG	GTG	TCC	CCA	GCC	TGC	480
157	A	G	R	F	Q	S	P	V	D	I	R	P	Q	L	A	A	172
481	GCG	GGC	CGC	TTC	CAG	TCC	CCG	GTG	GAT	ATC	CGC	CCC	CAG	CTC	GCC	GCC	528

1 / 14

FIG.-1A

173 F C P A L R P L E L L L G F Q L P 188
 529 TTC TGC CCG GCC CTG CTG CCC CGC CGC GAA CTC CTG GGC TTC CAG CTC CCG 576
 189 P L P E L R L R N N G H S V Q L 204
 577 CCG CTC CCA GAA CTG CGC CTG CGC AAC AAT GGC CAC AGT GTG CAA CTG 624
 205 T L P P G L E M A L G P G R E Y 220
 625 ACC CTG CCT CCT GGG CTA GAG ATG GCT CTG GGT CCC GGG CGG GAG TAC 672
 221 R A L Q L H L H W G A A G R P G 236
 673 CGG GCT CTG CAG CTG CAT CTG CAC TGG GGG GCT GCA GGT CGT CCG GGC 720
 237 S E H T V E G H R F P A E I H V 252
 721 TCG GAG CAC ACT GTG GAA GGC CAC CGT TTC CCT GCC GAG ATC CAC GTG 768
 253 V H L S T A F A R V D E A L G R 268
 769 GTT CAC CTC AGC ACC GCC TTT GCC AGA GTT GAC GAG GCC TTG GGG CGC 816
 269 P G G L A V L A A F L E E G P E 284
 817 CCG GGA GGC CTG GCC GTG TTG GCC GGC TTT CTG GAG GAG GGC CCG GAA 864
 285 E N S A Y E Q L L S R L E E I A 300
 865 GAA AAC AGT GCC TAT GAG CAG CTG TTG CTC TCT CGC TTG GAA GAA ATC GCT 912
 301 E E G S E T Q V P G L D I S A L 316
 913 GAG GAA GGC TCA GAG ACT CAG GTC CCA GGA CTG GAC ATA TCT GCA CTC 960
 317 L P S D F S R Y F Q Y E G S L T 332
 961 CTG CCC TCT GAC TTC AGC CGC TAC TAC CAA TAT GAG GGG TCT CTG ACT 1008
 333 T P P C A Q G V I W T V F N Q T 348
 1009 ACA CCG CCC TGT GCC CAG GGT GTC ATC TGG ACT GTG TTT AAC CAG ACA 1056

FIG.-1B

349	V	M	L	S	A	K	Q	L	H	T	L	S	D	T	L	W	364
1057	GTG	ATG	CTG	AGT	GCT	AAG	CAG	CTC	CAC	ACC	CTC	TCT	GAC	ACC	CTG	TGG	1104
365	G	P	G	D	S	R	L	Q	L	N	F	R	A	T	Q	P	380
1105	GGA	CCT	GGT	GAC	TCT	CGG	CTA	CAG	CTG	AAC	TTC	CGA	GCG	ACG	CAG	CCT	1152
381	L	N	G	R	V	I	E	A	S	F	P	A	G	V	D	S	396
1153	TTG	AAT	GGG	CGA	GTG	ATT	GAG	GCC	TCC	TTC	CCT	GCT	GGA	GTG	GAC	AGC	1200
397	S	P	R	A	A	E	P	V	Q	L	N	S	C	L	A	A	412
1201	AGT	CCT	CGG	GCT	GCT	GAG	CCA	GTC	CAG	CTG	AAT	TCC	TGC	CTG	GCT	GCT	1248
413	G	D	I	L	A	L	V	F	G	L	L	F	A	V	T	S	428
1249	GGT	GAC	ATC	CTA	GCC	CTG	GTT	TTT	GGC	CTC	CTT	TTT	GCT	GTC	ACC	AGC	1296
429	V	A	F	L	V	Q	M	R	R	Q	H	R	R	G	T	K	444
1297	GTC	GCG	TTC	CTT	GTG	CAG	ATG	AGA	AGG	CAG	CAC	AGA	AGG	GGA	ACC	AAA	1344
445	G	G	V	S	Y	R	P	A	E	V	A	E	T	G	A	*	460
1345	GGG	GGT	GTG	AGC	TAC	CGC	CCA	GCA	GAG	GTA	GCC	GAG	ACT	GGA	GCC	TAG	1392
1393	AGG	CTG	GAT	CTT	GGA	GAA	TGT	GAG	AAG	CCA	GCC	AGA	GGC	ATC	TGA	GGG	1440
1441	GGA	GCC	GGT	AAC	TGT	CCT	GTC	CTG	CTC	ATT	ATG	CCA	CTT	CCT	TTT	AAC	1488
1489	TGC	CAA	GAA	ATT	TTT	TAA	AAT	AAA	TAT	TTA	TAA	T					1522

FIG.-1C

FIG.-1A

FIG.-1B

FIG.-1C

FIG.-1

1 ggatccctgtt gactcgtgac ctaccccca accctgtgct ctctgaaaca tgagctgtgt
 61 ccactcaggg ttaaatggat taaggcggt gcaagatgtg ctttgttaaa cagatgcttg
 121 aaggcagcat gctcgtaag agtcatcacc aatccctaata ctcaagtaata caggacaca
 181 aacactgcg aaggccgag ggtcctctgc ctaggaaaac cagagacctt tgttcacttg
 241 ttatctgac cttccctcca ctatgtcca tgaccctgcc aaatccccct ctgtgagaaa
 301 cacccaagaa ttatcaataa aaaaataaat ttaaaaaaa aatacaaaa aaaaaaaa
 361 aaaaaaaa gacttacgaa tagttattga taaatgaata gctattggt aagccaagta
 421 aatgatcata ttcaaaacca gacggccatc atcacagtc aagtctacct gatttgatct
 481 ctttatcatt gtcattctt ggaattcacta gattagtcac catcctcaa atctcccc
 541 aagttctaata tacgttccaa acatttaggg gttacatgaa gctgaacct actaccttct
 601 ttgcttttga gccatgagt gtaggaatga tgagtttaca cctacatgc tggggattaa
 661 tttaaaacttt acctctaagt cagttgggta gcctttggct tatttttgta gctaattttg
 721 tagttaatgg atgcactgtg aatcttgcta tgatagtttt gctccacact ttgccactag
 781 gggtaggtag gtactcagtt ttcagtaatt gcttacctaa gacctaaag cctatttctc
 841 ttgtactggc ctttatctgt aatatgggca tatttaatac aatataattt ttggagtttt
 901 ttgtttgtt ttgtttgttg tttttttgag acggagtctt gcatctgtca tgcccaggct
 961 ggagtagcag tggtgccatc tcggctcact gcaagctcca cctccgagt tcacgccatt
 1021 ttcctgcctc agcctcccga gtagctggga ctacaggcg ccgccacct gccgggctaa
 1081 ttttttgtat ttttggtaga gacgggttt caccgtgta gccagaatgg tctcgatctc
 1141 ctgacttcgt gatccacccg cctcgccctc ccaaagtctt gggattacag gtgtgagcca
 1201 ccgacactgg ccaattttt tatgtctttaa aagtaaaaaat atgtcttgta agctggtaac
 1261 tatggtacat ttccttttat taatgtggtg ctgacggtca tataagttct tttaggttg
 1321 gcatgcataat gctactttt gcagtccctt cattacattt tctctcttc atttgaagag
 1381 catgttatat ctttttagctt cacttggtt aaaaagttct ctcatagcc taacacagt
 1441 tcatgtttgg taccacttgg atcataagt atcataagt gaaaaacagt caagaattg cacagtaata
 1501 cttgtttgta agaggatga ttcaggtgaa tctgacacta agaaactccc ctacctgagg
 1561 tctgagattc ctctgacatt gctgtatata ggcttttctt ttgacagcct gtgactgcgg
 1621 actattttct ttaagcaaga tatgctaaag ttttgtgagc ctttttccag agagaggtct
 1681 catatctgca tcaagtgaaga acatataatg tctgcatgtt tccatatttc aggaatgttt
 1741 gcttgtgttt tatgctttta tatagacagg gaaacttgtt cctcagtgac ccaaaagagg
 1801 tgggaattgt tattggatat catcattggc ccacgctttc tgaccttgga aacaattaa
 1861 ggttcataat ctcaattctg tcagaattgg tacaagaaat agctgctatg tttcttgaca
 1921 tccacttgg taggaaataa gaatgtgaaa ctcttcagtt ggtgtgtgtc cct?gttttt

FIG. 2B

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3961 catcaatctc caaatccagg ttccaggagg ttcatgactc ccttcccata cccagccta
4021 ggctctgttc actcaggga actgactctc ggaggtagaa ctgtactccc cacagaagcc ctccagagg
4081 tccatacca atatcccat cccactctc agaggtagaa gctggatgag atgggagaga aggggagaa
4141 aataaaaagg gtgcaaaagg agagaggtga gaactgcaga tgagagaaaa aatgtgcaga cagaggaana
4201 tgagaaagag aaaggatga tcaagagatt tgaagggaag agctggtaga agtcatctca tcttaggcta
4261 aaataggtgg agaaggagag taccagagac aagcaagaag acacagcagg tagagaaaa taggcttcttg
4321 gtgaagtggg taccagagac ttgagaccta caggaatttg gggaaggagg ttggagacca tacaaggcag agggatgagt
4381 caatgaggaa actcccaagc caggaaattg aagaaggagg aaaggaaaga tgggtactc actcatcttg gactcaggac
4441 actcccaagc caggaaattg aagaaggagg aaaggaaaga tgggtactc actcatcttg gactcaggac
4501 ggggagaaga tgaagtggc actcaacttt tttttttttt cgaactcggc tcaactgcaac ctccactcc cgggttcaag
4561 tgaagtggc actcaacttt tttttttttt cgaactcggc tcaactgcaac ctccactcc cgggttcaag
4621 caggctggag tgcaatggcg gcctcagcct tttgtatttt tagtagagac cctggcctcc caaagtgtg ggattatagg
4681 tgattctcct cgggctaatt atctcaggtg agcgcctggc ctgaagcagc accagctgc catgttggtc aggtggtct
4741 cgggctaatt atctcaggtg agcgcctggc ctgaagcagc accagctgc catgttggtc aggtggtct
4801 cgaactcctg atctcaggtg agcgcctggc ctgaagcagc accagctgc catgttggtc aggtggtct
4861 cgtgagccac agcgcctggc ctgaagcagc accagctgc catgttggtc aggtggtct
4921 ttgcaagctg ttgtgacatc ttgtgacatc ttgtgacatc ttgtgacatc ttgtgacatc ttgtgacatc
4981 tctcctgtgc ttgtgacatc ttgtgacatc ttgtgacatc ttgtgacatc ttgtgacatc ttgtgacatc
5041 gcatctgcgt ttgtgacatc ttgtgacatc ttgtgacatc ttgtgacatc ttgtgacatc ttgtgacatc
5101 cggttcatcc ttgtgacatc ttgtgacatc ttgtgacatc ttgtgacatc ttgtgacatc ttgtgacatc
5161 acaccacccc gctgcacaga ccaaatctgg gacccagct gaaccagct ctgtggatct cccctacagc
5221 cgtccctgaa cactggtccc gggcgtccca cccgcgccc accgtcccac cccctacct
5281 ttctaccgg ggttccctaa gttcctgacc taggcgtcag acttcctcac tatactctcc
5341 caccacagc GACCCGCCCT AGCTCGCCCG CTCTGCCCCG GCGCAACAATG GCCACAGTGG
5401 CCCGGTGGAT ATCCGCCCCC CAGCTCCCCG CGCTCCAGA ACTGCGCTG CGCAACAATG GCCACAGTGG
5461 CCTGGGCTTC CAGCTCCCCG CGCTCCAGA ACTGCGCTG CGCAACAATG GCCACAGTGG
5521 tgagggggtc tccccgccga gacttgggga tggggcgggg cgcagggaag ggaaccgtcg
5581 cgcagtgccct gcccgggggt tgggctggcc ctaccgggcg gggccggctc acttgccctc
5641 cccacgcag TGCAACTGAC CCTGCCCTCTT GGGCTAGAGA TGGCTCTGGG TCCCGGGCGG
5701 GAGTACCGG CTCGTGAGCT GCATCTGCAC TGGGGGGCTG CAGGTCTGTC GGGCTCGGAG
5761 CACACTTGG AAGGCCACCG TTTCCCTGCC GAGgtgagcg cggactggcc gagaaggggc
5821 aaaggagcgg ggcggacggg ggcagagac gtggccctct cctaccctcg tgtcctttc
5881 agATCCACGT GGTTCACCTC AGCACCGCCT TTGCCAGAGT TGACGAGGCC TTGGGGCGCC

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FIG. 2D

7921 gactcttgct tcaaaaaaa aaaaaaaa gaaaccaa gataagctg caaaaccaa aatgagacaa
 7981 aaaaaacaag accaaaaaat ggtgtttgga aattgtcaag gtcaagctg gtcaagctaaa
 8041 ctttttctga gaactgttta tctttaataa gcatcaata ttttaacttt gtaataactt
 8101 ttgttggaat tggttctctt cttagtcact cttgggtcat ttttaacttc acttactcta
 8161 ctgacacttt taggtttctg ttatcatata ttacaagt tttagatca ttttttctt
 8221 gttttgtata gttatcaata tttttttttt ttttttacct ctttagtaga gacagggttt caccatattg
 8281 tttttttttt tttttttttt ttttttacct ctgaccttgt gatccaccag cctggcctc ccaaagtgtc
 8341 gccaggctgc tctcaaaact ttttctttt aatttgctct gggcttaaac ttgtggccca gcaactttatg
 8401 gggattcatt ttctctttt gaggtaagag tctccacctt ccttctctc ttctctctt tctcttctt
 8461 atggtacaca gagttaagag tctccacctt ccttctctc ttctctctt tctctctctt cttgcttctt
 8521 cctcccttcc caggttctc caggttctc caggttctc aaggttctc tttttttttt tgagtttaacg tcttatggga
 8581 caggttctc caggttctc caggttctc aaggttctc aaggttctc aaggttctc aaggttctc aaggttctc
 8641 aggttctc aaggttctc aaggttctc aaggttctc aaggttctc aaggttctc aaggttctc aaggttctc
 8701 gaaactgtat ccatatcc ccatatcc ccatatcc ccatatcc ccatatcc ccatatcc ccatatcc
 3761 tagatcctct tcatagctc tcatagctc tcatagctc tcatagctc tcatagctc tcatagctc tcatagctc
 8821 CCTCTGACT TCAGCCGCTA CTTCCAATAT GAGGGTCTC ACAGTGATGC TGAGTGCTAA GCAGgtgggc
 8881 CAGGGTGTCA TCTGGACTGT GTTTAACCAG GTTTAACCAG GTTTAACCAG GTTTAACCAG GTTTAACCAG
 8941 ctgggtgtg tgtggacaca tgtgggtgctg ggtgggtgctg ggtgggtgctg ggtgggtgctg ggtgggtgctg
 9001 caggagaaga aagaaatcaa ggtgggtgctg ggtgggtgctg ggtgggtgctg ggtgggtgctg ggtgggtgctg
 9061 gggaggctga ggtgggagaa ggtgggtgctg ggtgggtgctg ggtgggtgctg ggtgggtgctg ggtgggtgctg
 9121 agtgtgacct catctctacc tactctacc tactctacc tactctacc tactctacc tactctacc tactctacc
 9181 gtatgaggcc tagtccagc tagtccagc tagtccagc tagtccagc tagtccagc tagtccagc tagtccagc
 9241 gaggttgaga ctgagtgag ctgagtgag ctgagtgag ctgagtgag ctgagtgag ctgagtgag ctgagtgag
 9301 atttatttat aaaaagaaatc aaaaagaaatc aaaaagaaatc aaaaagaaatc aaaaagaaatc aaaaagaaatc
 9361 cctgagggtgc cactgacct cactgacct cactgacct cactgacct cactgacct cactgacct cactgacct
 9421 cccacactgt cactgacct cactgacct cactgacct cactgacct cactgacct cactgacct cactgacct
 9481 GTGACTCTCG GCTACAGCTG AACTTCCGAG CGACGCAGCC CGACGCAGCC CGACGCAGCC CGACGCAGCC
 9541 AGGCCTCCTT CCTGCTGGA GTGGACAGCA GTCCCTCGGC GTCCCTCGGC GTCCCTCGGC GTCCCTCGGC
 9601 tgtctgggttt ccccccagcc agtagtccct tatcctccca tttttttttt tttttttttt tttttttttt
 9661 attggtggtc acagcccgc tctcacatct ccttttttct tttttttttt tttttttttt tttttttttt
 9721 GCTGGCTGC TGgtgagtct gcccctctc ttggtcctga tggcaggaga ctccctcagca
 9781 ccattcagcc ccagggtgc tccaggtccc ctctgctccc tctcttttct tctcttttct tctcttttct
 9841 accccaacc caatattaga gaggcagatc atgggtggga tttttttttt tttttttttt tttttttttt

9901 gctaattgat tagaatgaag cttgagaaat ctcccagcat ccctctcgca aaagaatccc
 9961 cccccccttt tttaaagata gggctcact ctgtttgccc caggctgggg tggtgtggca
 10021 cgatcatagc tcaactgagc tgggactgta ggcactgagc actgtgctg gccccaaacg gcccttttac
 10081 ctcaaaagcac ttggctttta ggaagcaaaa acggtgctta tcttaccct tctcgtgtat ccaccctcat
 10141 ttggctttta ggcactgagc ggcactgagc ggcactgagc cactatgggg ctgcctgaga actcggggga
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 10261 ggggtgggtg agtgactga tctctgctc accaggtgtt gaggaaactc gcagaccctt cttccttccc
 10321 aaagcagccc tctctgctc accaggtgtt gaggaaactc gcagaccctt cttccttccc
 10381 TTTTGTGCTGTC ACCAGGCTCG CGTTCCCTGT GCAGATGAGA AGGCAGCACA Ggtattacac
 10441 tgacccttcc ttcaggcaca agcttcccc acccttggtg agtcaactca tgcaaaagcg
 10501 atgcaaatga gctgctcctg ggcaggttt ctgattagcc ttctctgttg tgtacacaca
 10561 GAAGGGGAAC CAAAGGGGT GTGAGCTACC GCCCAGCAGA GGTAGCCGAG ACTGGAGCCT
 10621 AGAGGCTGGA TCTTGGAGAA TGTGAGAAGC CAGCCAGAGG CATCTGAGGG GGAGCCGGTA
 10681 ACTGTCTGTT CCTGCTCATTT ATGCCACTTC CTTTAACTG CCAAGAAATT TTTTAAATA
 10741 AATATTATA ATaaatatg tgtagtcac ctttgttccc caaatcagaa ggaggtattt
 10801 gaatttccta ttactgttat tagcaccaat ttagtggttaa tgcatttatt ctattacagt
 10861 tcggcctcct tccacacatc actccaatgt gttgctcc

FIG. 2F

FIG. 2A

FIG. 2B

FIG. 2C

FIG. 2D

FIG. 2E

FIG. 2F

FIG. 2

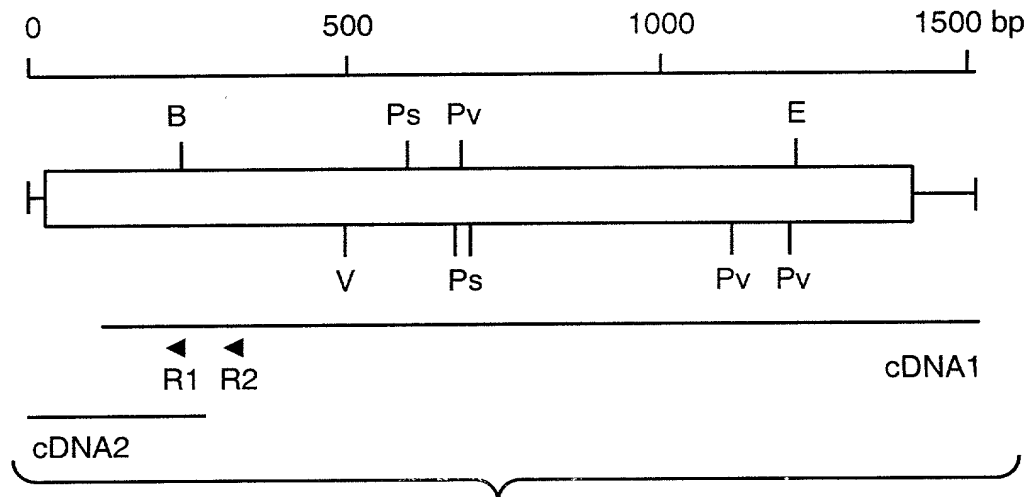


FIG._3

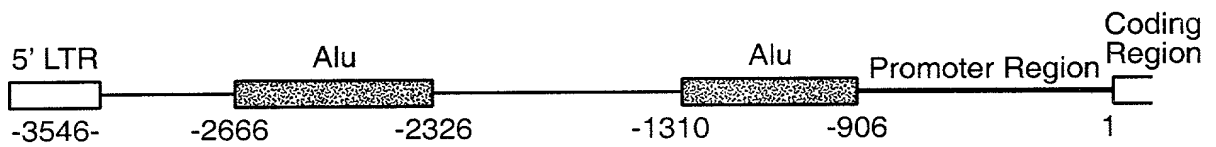


FIG._4

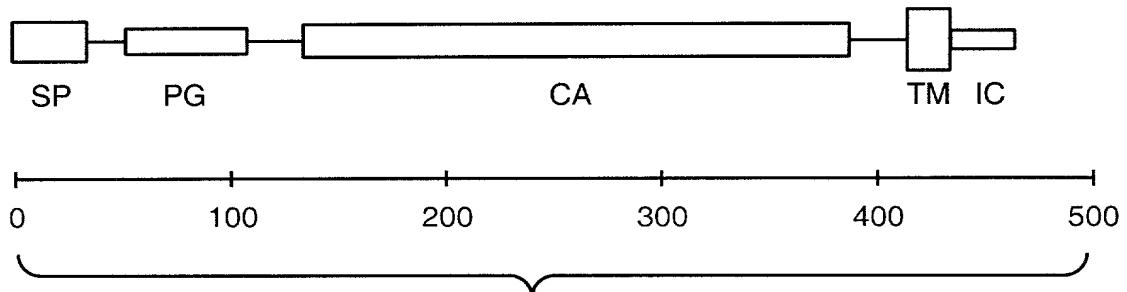


FIG._8



FIG. 5

-506 CTTGCTTTTC ATTCAAGCTC AAGTTTGCTT CCACATAACC CATTACTTAA CTCACCCCTCG
 -446 GGCTCCCCCTA GCAGCCCTGCC CTACCTCTTT ACCTGCTTCC TGGTGGAGTC AGGGATGTAT
 AP2
 -386 ACATGAGCTG CTTTCCCTCT CAGCCAGAGG ACATGGGGGG CCCCAGCTCC CCTGCCCTTC
 -326 CCCTCTCTGT CCTGGAGCTG GGAAGCAGGC CAGGGTTAGC TGAGGCTGGC TGGCAAGCAG
 -266 CTGGGTGGTG CCAGGGAGAG CCTGCATAGT GCCAGGTGGT GCCTTGGGTT CCAAGCTAGT
 p53
 -206 CCATGGCCCC GATAACCTTC TGCCCTGTGCA CACACCTGCC CCTCACTCCA CCCCCATCCT
 VI Inr V
 -146 AGCTTTGGTA TGGGGGAGAG GGCACAGGGC CAGACAAACC TGTGAGACTT TGGCTCCATC
 IV AP1 III Inr
 -86 TCTGCAAAAG GCGCTCTGT GAGTCAGCCT GCTCCCCCTCC AGGCTTGCTC CTCCCCCACC
 II AP1 p53 I AP2

 -26 CAGCTCTCGT TTCCAATGCA CGTACAGCCC GTACACACCG TGTGCTGGGA CACCCACAG
 ...

FIG.-6

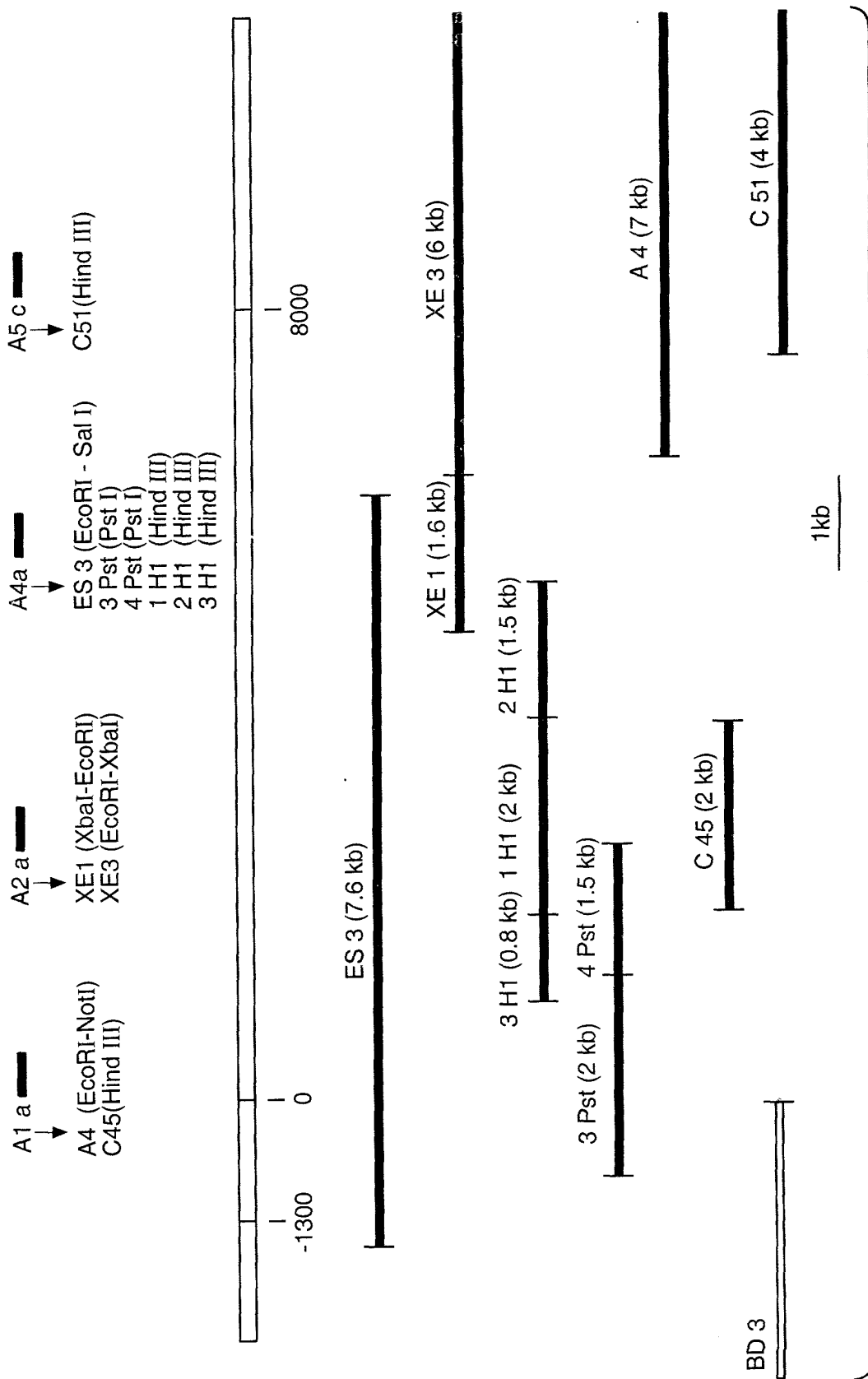


FIG. 7

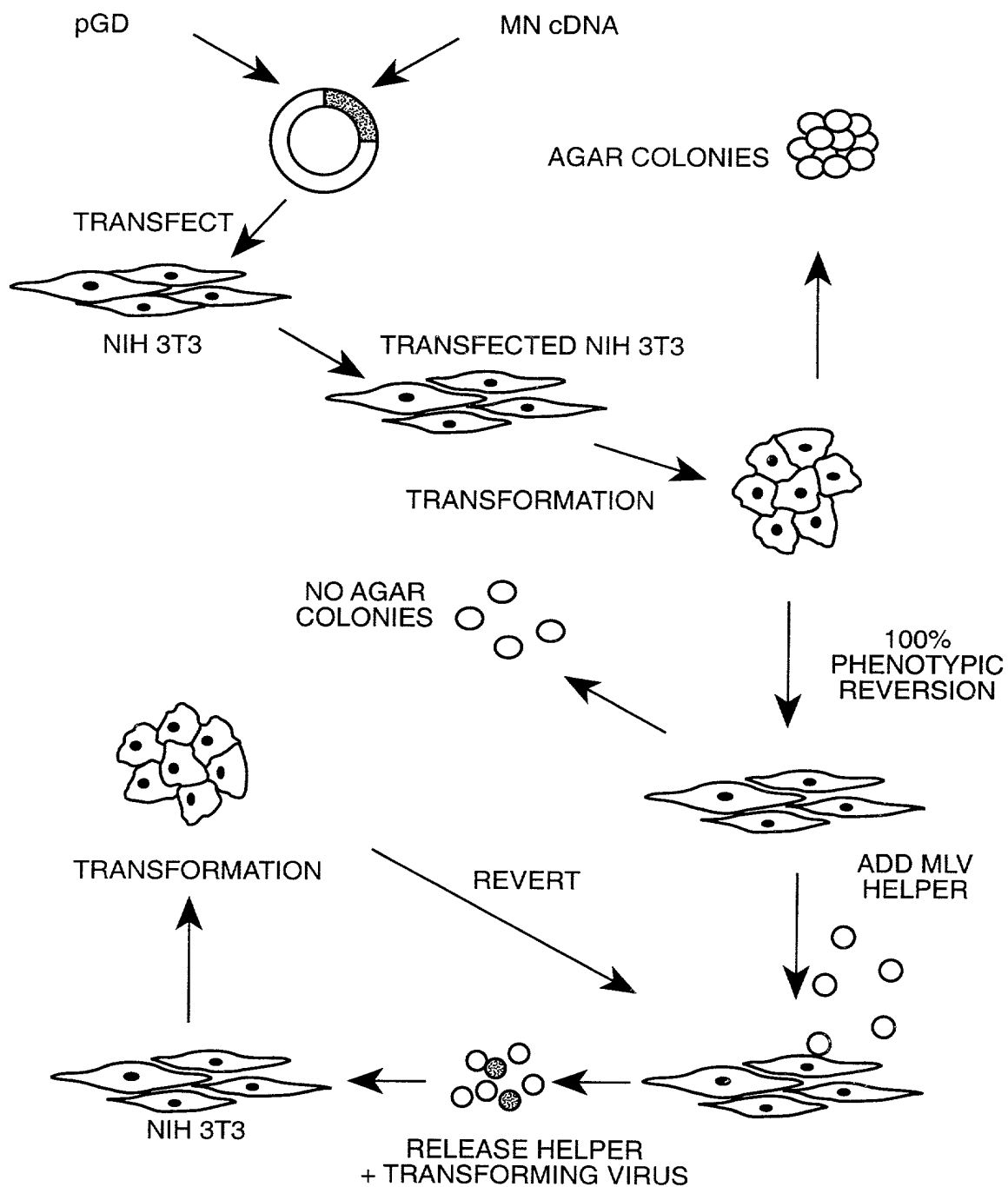


FIG._9